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PTO/SB/05 (4/98)

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+ Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No. 678-434 (P9079)

First Inventor or Application Identifier Min-Goo Kim

Title QUANTIZATION METHOD FOR ITERATIVE

Only fo	r new no	onprovisior	nal applications und	ter 37 C.F.R.	§ 1.53(b)) Expr	ess mail	Label No.   EL.	<u> </u>	<u>6065</u>	205	
See Mi			TION ELEMEN		on contents.		ADDRESS TO:	: Box F	Patent A	mmissioner for Patents pplication DC 20231	0,
1. <b>X</b> 2. <b>X</b>	(Sur. Spe (pre - Do - Ci - St	bmit an ori ecification eferred arra escriptive ross Refe tatement	mittal Form (e.g., ginal and a duplical and a duplical angement set forth a title of the Invenerences to Relate Regarding Fed s to Microfiche App	te for fee pro [Total Pag below) Ition Id Application In ponsored F	cessing) res 21 ]		Nucleotide and/o (if applicable, all a. Cor b. Pap	or Amino necess mputer I	o Acid S <i>ary)</i> Readab y (identi	gram (Appendix) Sequence Submission Ile Copy ical to computer copy) g identity of above cop	jć
	- Ba	ackgroun	d of the Inventior	n			ACCOMPA	NYINO	3 APPI	LICATION PARTS	
4. Oa	Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure Drawing(s) (35 U.S.C. 113) [Total Sheets 5]  Oath or Declaration  Copy from a prior application (37 C.F.R. § 1.63(d))  (for continuation/divisional with Box 16 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).  Those FOR TIEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY IF EES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:							plication ired			
		lication inf						Jp / Art U		<del></del>	<del>.</del> .
under	Box 4b.	is conside	ered a part of the d	isclosure of	the accompanyir	ig continu	ation or divisional	applicati	on and is	th or declaration is sup s hereby incorporated by ubmitted application pa	/
				17. CO	RRESPOND	ENCE A	ADDRESS				
	Custom	er Number	r or Bar Code Label		ustomer No. or At	tach bar o	code label here)	or 🗓	Corr	espondence address bel	ow .
Name	,	Paul J.	Farrell								
Addre	55		th & Barrese arle Ovington	Blvd.							
City		Union	dale		State	NY		Zip C	ode	11553	
Count	ry	U.S.			Telephone	(516)	228-8484		Fax	(516) 228-8516	
[^	Vame (P	rint/Type)	Paul J. Farre		A		Registration No. (#	Attorney/A	gent)	33,494	
ا	Signature	•	Faul 1 -1	anell	<u>'</u>			l	Date	12/28/99	



**PATENT** Atty. Docket No. 678-434 (P9079)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Assistant Commissioner** for Patents Washington, D.C. 20231

## **UTILITY APPLICATION FEE TRANSMITTAL**

SIr:							
Transmitted	Transmitted herewith for filing is the patent application of						
Inventor(s):	Min-Goo Kim; Beong-Jo Kim; and Young-Hwan Lee						
For:	QUANTIZATION METHOD FOR ITERATIVE DECODER IN COMMUNICATION SYSTEM						
Enclosed are	e:						
[X] <u>18</u>	page(s) of specification						
[X] <u>1</u>	page(s) of Abstract						
[X] <u>2</u>	page(s) of claims						
[X] <u>5</u>	sheets of drawings [X] formal [] informal						
[X] <u>2</u>	page(s) of Declaration and Power of Attorney						
[X] An Assig	[X] An Assignment of the invention to <u>Samsung Electronics Co., Ltd.</u>						
CERTIFICATION UNDER 37 C.F.R. § 1.10							

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date <u>December 28, 1999</u> in an envelope as "Express Mail Post Office to Addressee" Mail Label Number <u>EL393560652US</u> addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

aniel E. Tierney

0		laims the benefit ur rovisional Applicati						
	APPLICATION N	O(S).:	FILING DATE					
		<del></del>						
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[X]	Certified copy of app	olications						
<u>Cou</u>	ntry	Appln. No.	<u>Filed</u>					
Kore	ea	62715	December 31, 1998					
from which priority under Title 35 United States Code, § 119 is claimed   [] is enclosed.								

## **CALCULATION OF UTILITY APPLICATION FEE**

[X] will follow.

For	Number Filed	Number Extra	Rate	Basic Fee \$760.00	
TOTAL CLAIMS	13	0	x 18 =	\$0	
INDEPENDENT CLAIMS	2	0	x 78 =	\$0	
[] Multiple Dep. Claim	0		260	\$0	
TOTAL\$760.00					

[] Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith §.

<sup>\*</sup>Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

- [X] The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.
- [X] Two checks in the amount of \$760.00 & \$40.00 to cover the [X] recording, [X] filing fee(s) are attached.
- [] Charge fee to Deposit Account No. 04-1121. Order No. \_\_\_\_\_
  TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: December 28, 1999

Paul J. Farrell Reg. No. 33,494

sulf-famell

DILWORTH & BARRESE 333 Earle Ovington Blvd. Uniondale, NY 11553 Tel. No. (516) 228-8484 Fax. (516) 228-8516

PTO/SB/17 (12-98)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL		Complete if Known					
		Application Number	м.				
for FY 1	999	Filing Date					
Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.		First Named Inventor	Min Goo Kim				
		Examiner Name					
		Group / Art Unit					
TOTAL AMOUNT OF PAYMENT	(\$) 800.00	Attorney Docket No.	678-434 (P9079)				

TOTAL AMOUNT OF PAYMENT (\$) 600.00		Attor	ney l	Docket	No.	<u>678-4</u>	34 (P9079)	
METHOD OF PAYMENT (check one)	T			F	EE CAI	LCULAT	TION (continued)	
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	Larg Fee	e Entit	y Sma Fee	AL FE	ES		escription	Fee Paid
Deposit Account 04-1121	105	te (\$) 130	205	e (\$) 65	Curchor		·	
Number Deposit Account Name  Dilworth & Barrese	127		227	25		ge - late p	ing fee or oath rovisional filing fee or	
Charge Any Additional	139	130	139	130	Non-Eng	glish speci	fication	
Fee Required Under 37 CFR 1.16 and 1.17	147	2,520	147	2,520	For filing	g a reques	t for reexamination	
2. 🔀 Payment Enclosed:	112	920*	112	920*	Request Examine	ting public er action	ation of SIR prior to	
Check Order Other	113	1,840	113	1,8401	Request Examine	ting public er action	ation of SIR after	
FEE CALCULATION	115	110	215	55			within first month	
	116	380	216	190			within second month	
1. BASIC FILING FEE Large Entity Small Entity	117	870	217	435	Extension	on for reply	within third month	
Fee Fee Fee Fee Pee Description Code (\$) Code (\$) Fee Paid	118	1,360	218	680	Extension	on for reply	within fourth month	
101 760 201 380 Utility filing fee \$760.00	128	1,850	228	925	Extension	on for reply	within fifth month	<u> </u>
106 310 206 155 Design filing fee	119	300	219	150	Notice o	of Appeal		
107 480 207 240 Plant filing fee	120	300	220	150	•		port of an appeal	
108 760 208 380 Reissue filing fee	121	260	221	130		t for oral h		
114 150 214 75 Provisional filing fee	138	1,510	138	1,510			a public use proceeding	
	140	110	240	55			unavoidable	<b>——</b>
SUBTOTAL (1) (\$) 760.00	141	1,210	241	605	Petition	to revive -	unintentional	
2. EXTRA CLAIM FEES	142	1,210	242	605	-	sue fee (oi	reissue)	
Fee from  Ext <u>ra Claims below Fee Paid</u>	143		243		•	ssue fee		
Total Claims 13 -20** = 0 × \$18 = \$0	144		244		Plant iss			
Independent 2 - 3** = 0 x \$78 = \$0	122	130	122	130	Petitions	s to the Co	mmissioner	
Multiple Dependent \$260 =	123	50	123	50	Petitions	s related to	provisional applications	
**or number previously paid, if greater; For Reissues, see below	126	240	126	240	Submiss	sion of Info	rmation Disclosure Stmt	
Large Entity Small Entity  Fee Fee Fee Fee Fee Description  Code (\$) Code (\$)	581	40	581	40			atent assignment per mber of properties)	\$40
103 18 203 9 Claims in excess of 20	146	760	246	380		submission R 1.129(a))	after final rejection	
102 78 202 39 Independent claims in excess of 3	149	760	249	380			I invention to be	
104 260 204 130 Multiple dependent claim, if not paid					examine	ed (37 CFF	R 1.129(b))	
109 78 209 39 ** Reissue independent claims over original patent	Other	fee (sp	ecify)					
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other	fee (sp	ecify)					
SUBTOTAL (2) (\$) 0.00	* Redu	uced by	Basic	Filing F	ee Paid	SI	JBTOTAL (3) (\$) 40	.00
SUBMITTED BY							Complete (if application	able)

SUBMITTED B	Υ			Complete (if	applicable)
Typed or Printed Name	Paul J. Farrell			Reg. Number	33,494
Signature	Yaul Janell	Date	12/28/99	Deposit Account User ID	04-1121
<u>-</u>			_		